

6  
7 D3

presenting a second set of data from said set of one or more tables as said object that has  
said column object as an attribute.

D2

1 8. (Amended) The method of Claim 7, wherein the step of reading a first set of data  
2 includes reading data from one or more rows of at least one relational table.

Sub  
E3  
D3

3 19. (Amended) A computer system, comprising:  
4 a processor;  
5 a memory coupled to said processor;  
6 one or more databases;  
7 a set of one or more tables contained in said one or more databases;  
8 said processor configured to read a first set of data from  
9 a plurality of rows from the set of one or more tables;  
10 said processor configured to generate a column object based on said first set of  
11 data; and  
said processor configured to represent a second set of data from said set of one or more  
tables as said object that has said column object as an attribute.

Sub  
E3  
D4

1 24. (Amended) A computer-readable medium carrying one or more sequences of one or more  
2 instructions for presenting, as an object, data from a set of one or more tables residing in  
3 one or more databases, wherein the execution of the one or more sequences of the one or  
4 more instructions causes the one or more processors to perform the steps of:

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5 reading a first set of data from one or more fields of a plurality rows from a set of one or  
 6 more tables;  
 7 generating a column object based on said first set of data; and  
 8 presenting a second set of data from said set of one or more tables as said object that has  
 9 said column object as an attribute.

1 25. (Cancelled) A computer-readable medium for presenting, as an object, data from a set of  
 2 one or more tables residing in one or more databases, the method comprising the steps of:  
 3 reading a first set of data from one or more fields of a plurality rows from a set of one or  
 4 more tables;  
 5 generating a column object based on said first set of data; and  
 6 presenting a second set of data from said set of one or more tables as said object that has  
 7 said column object as an attribute.

1 <sup>27</sup> 26. (New) The computer-readable medium of Claim <sup>26</sup> 24, wherein the step of reading a first  
 2 set of data includes reading data from one or more rows of at least one relational table.

1 <sup>D5</sup> <sup>27</sup> 27. (New) The computer-readable medium of Claim 24, wherein the step of generating a  
 2 column object includes generating a collection object.

1 <sup>29</sup> 28. (New) The computer-readable medium of Claim <sup>28</sup> 27, wherein the step of generating a  
 2 collection object includes generating said collection object as a list of elements belonging  
 3 to a single data type.

1 <sup>30</sup> 29. (New) The computer-readable medium of Claim <sup>28</sup> 27, wherein the step of generating a  
2 collection object includes generating said collection object as a nested table.

1 <sup>30</sup> 30. (New) The computer-readable medium of Claim 27, wherein the step of generating a  
2 column object includes generating a column object belonging to a user specified object  
3 type.

1 31. (New) The computer-readable medium of Claim 27, wherein the step of generating a  
2 column object includes generating a column object that is a reference to another object.

1 32. (New) The computer-readable medium of Claim 31, wherein the step of generating a  
2 column object includes generating a column object that is a reference to an object  
3 presented by an object view.

1 33. (New) The computer-readable medium of Claim 31, wherein the step of generating a  
2 column object includes generating a column object that is a reference to an object  
3 residing in a database.

1 <sup>24</sup> 34. (New) The computer-readable medium of Claim <sup>20</sup> 20, the steps further  
2 comprising the step of generating a reference to the object based on the  
3 object id.

35.

(New) The computer-readable medium of Claim 34, wherein the steps further comprise the step of accessing the object based on the reference generated for the object.

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